



# Linksys BEFSR41 Teardown

simple 4 port router

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# INTRODUCTION

Demo teardown at Maker-Faire 2010

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## TOOLS:

- [Phillips #0 Screwdriver](#) (1)
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## Step 1 — Linksys BEFSR41 Teardown



- Top down view of the device.

## Step 2



- i** There actually aren't any screws or notches under the rubber feet on this model. A little force is all that's needed to pull off the front blue panel. (The front is held on by a recess/notch on each side)

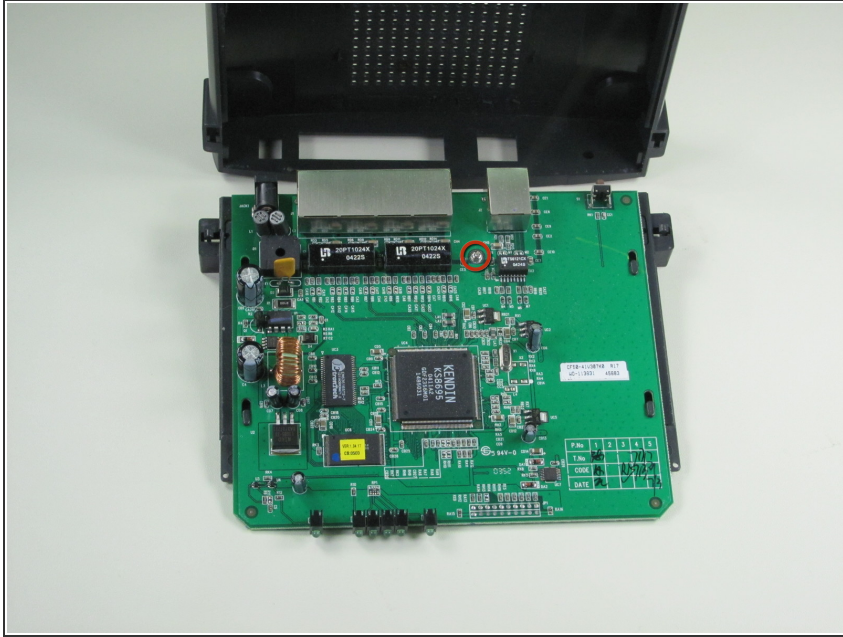
## Step 3



- Once the front blue panel is off, the top panel slides back and then comes off easily (it's connected to the bottom panel by two plastic notches).

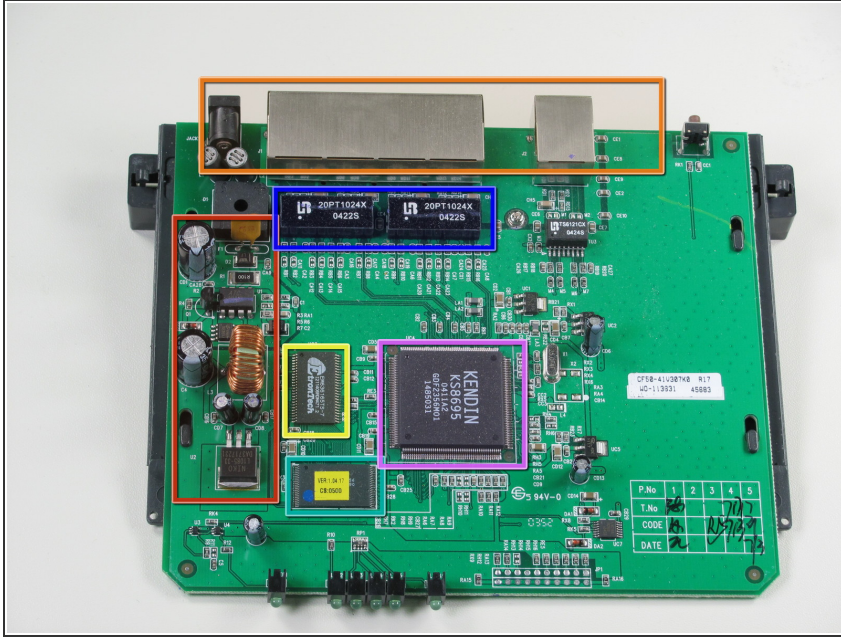


## Step 4



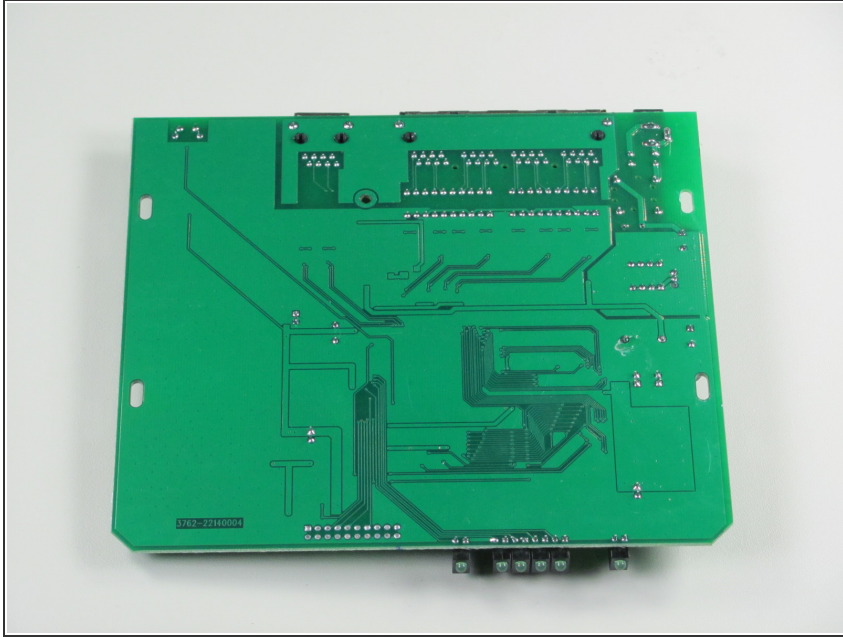
- Remove one small Philips screw from the logic board so you can remove the bottom panel.

## Step 5



- After removing the single screw and sliding off the bottom panel, all that is left is the main circuit board.
- Main Components
  - Barrel-plug power connection / CAT5 / Reset button
  - Power Control
  - Line-drivers (allow CAT5 cables to carry data for 100m)
  - RAM (2Mb) (Stores MAC tables, etc)
  - KS8695 ARM922 (ARM Core, 5 switchboards, tcp/ip/udp packet interface)
  - RAM (1Mb )

## Step 6



- Bottom view of circuit board.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-17 10:28:30 PM.